

PAT-NO: JP357121926A
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TITLE: MOTORCYCLE HAVING TURBO-SUPERCHARGER EQUIPPED ENGINE
PUBN-DATE: July 29, 1982

INVENTOR-INFORMATION:

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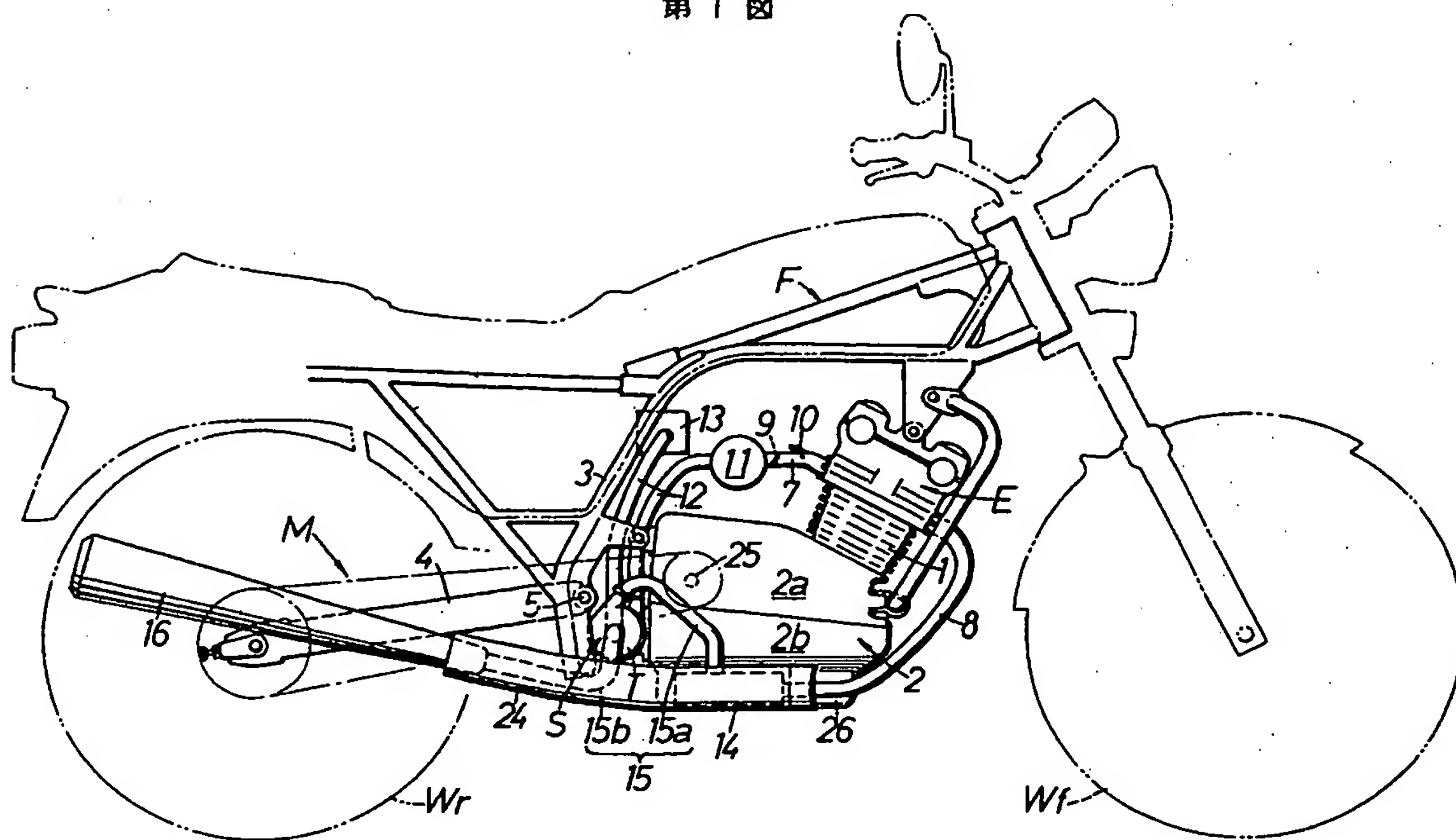
ABSTRACT:

PURPOSE: To prevent a supercharger from being damaged by arranging the turbo-supercharger at the rear of an engine and installing a turbine at a deflected position so as to be close to the outside surface of the engine, preventing the supercharger from being interfered with the obstacle from the front direction.

CONSTITUTION: A supercharger S is constituted of the compressor C for compressing the intake air from an air cleaner 13 and the turbine T which is connected with an exhaust collecting box 14 and drives the supercharger by use of exhaust energy. The supercharges S is installed at a deflected position towards the right so that the turbine T is close to the outside surface of an engine E. A decolating plate 24 is installed on the outside surface of an exhaust pipe 15, and cooling wind is allowed to pass in a wind passing slit 23. As the supercharger is installed at the rear of the engine, interference with the obstacle from the front direction can be prevented by the presence of the engine. Further, as the supercharger is installed at the deflected position, the passing wind on the side surface cools the turbine, the turbine cooling can be accelerated.

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